

ABSTRACT OF THE DISCLOSURE

A portable data storage device allowing dynamic setting of disk type thereof includes a flash memory that includes
5 at least two segments preset as a CD-ROM segment and a fixed type hard drive segment. When the portable data storage device is plugged in a processing unit of an electronic apparatus, one of the two segments having a non-applicable disk type is hidden depending on an
10 operating system under which the processing unit operates, so that the processing unit may detect only another one of the two segments that has an applicable disk type. A method for dynamically setting an applicable disk type of the portable data storage device is also provided.